Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072018\
Data File : BN002100.D
Acq On : 20 Jul 2018 15:36
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02016

Quant Time: Jul 20 23:56:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 20 23:55:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	241729	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1108033	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	672948	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1527610	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1554913	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1417748	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	38770	7.24	ng/uL	0.00
5) Phenol-d5	6.88	99	438156	19.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	266438	19.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	350282	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	356735	19.46	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	179504	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	201900	19.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	367883	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	489671	22.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1126085	19.74	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1424236	20.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	202235	18.56	ng/ul	0.00
57) Fluorene-d10	15.33	176	974306	19.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	191015	19.20	ng/ul	0.00
70) Anthracene-d10	17.18	188	1499378	20.13	ng/ul	0.00
78) Pyrene-d10	19.48	212	1627975	20.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1520847	19.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	38689	7.194	ng/uL	92
4) Benzaldehyde	6.85	77	286476	21.216	ng/ul	93
6) Phenol	6.90	94	440745	19.280	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.13	93	339131	19.455	ng/ul#	87
10) 2-Chlorophenol	7.26	128	346466	19.319	ng/ul#	89
11) 2-Methylphenol	8.14	108	336048	19.113	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	533638	18.623	ng/ul#	87
14) Acetophenone	8.51	105	569193	20.453	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.50	70	295167	19.355	ng/ul#	85
16) 4-Methylphenol	8.46	108	371727	19.485	ng/ul	98
17) Hexachloroethane	8.76	117	140432	19.810	ng/ul	94
20) Nitrobenzene	8.89	77	420920	19.922	ng/ul	94
21) Isophorone	9.40	82	819778	19.391	ng/ul	98
23) 2-Nitrophenol	9.59	139	211029	19.851	ng/ul	91
24) 2,4-Dimethylphenol	9.66	107	421995	19.827	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	485599	19.081	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	356732	19.777	ng/ul	100
28) Naphthalene	10.52	128	1157881	19.780	ng/ul	99
30) 4-Chloroaniline	10.63	127	480746	22.658	ng/ul	99
31) Hexachlorobutadiene	10.80	225	219972	20.578	ng/ul	99
32) Caprolactam	11.39	113	125611	18.736	ng/ul#	58
33) 4-Chloro-3-methylphenol	11.77	107	406571	20.039	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	843667	19.759	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	435147	19.942 ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	263290	19.022 ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	295896	19.728 ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	312749	19.739 ng/ul	97
40) 1,1'-Biphenyl	13.16	154	1108554	19.794 ng/ul	99
41) 2-Chloronaphthalene	13.20	162	868017	19.933 ng/ul	97
42) 2-Nitroaniline	13.41	65	282487	20.176 ng/ul	84
44) Dimethylphthalate	13.79	163	1102504	19.732 ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	238454	20.193 ng/ul	97
47) Acenaphthylene	14.05	152	1361418	19.984 ng/ul	100
48) 3-Nitroaniline	14.24	138	237454	20.399 ng/ul	94
49) Acenaphthene	14.39	153	939732	19.986 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	120692	17.375 ng/ul#	1
52) 4-Nitrophenol	14.56	109	156321	20.524 ng/ul#	85
53) Dibenzofuran	14.73	168	1318534	19.847 ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	344218	20.097 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.96	232	273654	19.670 ng/ul	97
56) Diethylphthalate	15.16	149	1130960	19.934 ng/ul	99
58) Fluorene	15.38	166	1077145	20.309 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.38	204	537071	20.387 ng/ul	94
60) 4-Nitroaniline	15.41	138	264695	19.641 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	200134	19.428 ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	936642	20.046 ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	334894	19.923 ng/ul	92
66) Hexachlorobenzene	16.39	284	363998	19.568 ng/ul	97
67) Atrazine	16.55	200	347211	20.594 ng/ul	98
68) Pentachlorophenol	16.73	266	202748	19.162 ng/ul	98
69) Phenanthrene	17.12	178	1713048	19.968 ng/ul	99
71) Anthracene	17.22	178	1769933	20.257 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	464196	20.379 ng/uL	100
73) Pentachlorobenzene	14.65	250	425938	19.991 ng/uL	100
74) Carbazole	17.49	167	1551196	20.988 ng/ul	99
75) Di-n-butylphthalate	18.06	149	1950652	19.961 ng/ul	100
76) Fluoranthene	19.15	202	1993829	21.900 ng/ul	98
79) Pyrene	19.51	202	2023288	20.278 ng/ul	98
80) Butylbenzylphthalate	20.42	149	915695	19.322 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.20	252	661091	20.051 ng/ul	98
82) Benzo(a)anthracene	21.27	228	1961293	19.803 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	1352587	20.157 ng/ul	99
84) Chrysene	21.32	228	1840839	19.943 ng/ul	100
86) Di-n-octyl phthalate	22.09	149	2292655	24.622 ng/ul#	94
87) Benzo(b)fluoranthene	22.85	252	1888929	21.647 ng/ul	98
88) Benzo(k)fluoranthene	22.89	252	1694653	20.443 ng/ul	99
90) Benzo(a)pyrene	23.42	252	1665071	20.082 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	1648216	17.197 ng/ul	96
92) Dibenzo(a,h)anthracene	25.76	278	1386290	17.283 ng/ul	98
93) Benzo(g,h,i)perylene	26.43	276	1316523	16.347 ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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